

1. (Canceled) A reclining chair comprising:  
a structure having two supporting side frames, each having at least one substantially horizontal member and substantially vertical members, said frames disposed in a spaced apart relationship by cross rails;  
a seat disposed within said frames further comprising a bottom board and a back board connected together; and,  
means for supporting said seat including (1) a plurality of concentric circular ring sector shaped slots located on said horizontal members further defining the virtual axis of rotation and the stops of said seat thereto said side frames and (2) a plurality of plastic runners attached to said bottom board and sliding therein said slots.
2. (Canceled) A chair as on claim 1 whereby the virtual transverse axis of rotation is horizontally located four to eight inches forward of the rear edge of said seat bottom board .
3. (Canceled) A chair as described in claims 1 whereby the runners are wheels;
4. (Canceled) A chair as described in claims 1 whereby the circular ring sector slots are placed into inserts;
5. (Canceled) A reclining chair comprising:  
a structure having two supporting side frames, each having at least one substantially horizontal member and substantially vertical members, said frames disposed in a spaced apart relationship by cross rails;  
a seat disposed within said frames further comprising a bottom board and a back board connected together; and,  
means for supporting said seat including (1) a plurality of concentric circular ring sector shaped slots located on said bottom board further defining the virtual axis of rotation and the stops of said seat thereto said side frames and (2) a plurality of plastic runners attached to said horizontal members and sliding therein said slots.

6. (Canceled) A chair having a reclinable seat comprising in combination two supporting side frames, each having at least one substantially horizontal member and substantially vertical leg members, said frames disposed in a spaced apart relationship by cross-rails, a seat disposed within said frames further having an upholstered bottom board and an upholstered back board connected together, further comprising:

- a plurality of concentric circular ring sector slots located on each of the horizontal members, a lining material covering the slots lower paths; the slot paths having detent means to moveable engage with corresponding detent means located on the runners;
- a plurality of runners moveable engaged into said slots and attached onto brackets that are securely connected to the bottom board, the runners having matching curvatures with the slot paths, the runners having substantial end surfaces to engage said slots ends;
- elastic elements attached at one end to the horizontal member and at the other end to the bottom board to force the seat against its upright position stops; and,
- cover plates fastened to the horizontal members having circular ring sector shaped slots concentric with the axis of rotation of the seat, the runners moveable engaged thereunto the cover plates openings, the slots ends having substantial surfaces to stop the runners rotation.

7. (Canceled) A chair having a reclinable seat having in combination two supporting side frames, each having at least one substantially horizontal member and substantially vertical leg members, said frames disposed in a spaced apart relationship by cross-rails, a seat mounted within said frames further having an upholstered bottom board and an upholstered back board connected together, further comprising:

- channel shaped horizontal members, circular segment means attached to the inside of said horizontal members, a lining material covering the paths on said circular segments;
- a plurality of runners sliding over the arc surface of said circular segment means and attached onto brackets that are securely connected to the bottom board, the runners having matching curvatures with the paths, the runners having substantial end surfaces to engage the flanges of said horizontal members;

- elastic elements attached at one end to the horizontal member and at the other end to the bottom board to force the seat against its upright position stops; and,
- cover plates fastened to the circular segment means having circular ring sectors shaped slots concentric with the arc of the circular segments, the runners moveable engaged thereunto the cover plates openings, the slots ends having substantial surfaces to stop the runners rotation.

8. (Canceled) A chair as on claim 7 whereby the virtual transverse axis of rotation is horizontally located four to eight inches forward of the rear edge of said seat bottom board .

9- (Canceled) A chair having a reclinable seat comprising in combination two supporting side frames, each having at least one substantially horizontal member and substantially vertical leg members, said frames disposed in a spaced apart relationship by cross-rails,

a seat disposed within said frames further having an upholstered bottom board and an upholstered back board connected together, the bottom board having front and rear edges, further comprising:

- means for supporting said seat including (1) a plurality of concentric circular ring sector shaped slots located on said horizontal members, and (2) a plurality of plastic runners attached to said seat bottom board and sliding in said slots; said slots having substantial end surfaces,

- the centers of said circular slots defining a virtual transverse axis of rotation of the seat;

- a lining material covering the lower paths of the slots; the slot paths having detent means to moveable engage with corresponding detent means located on the runners;

- a plurality of runners moveably engaged into said slots and attached onto brackets that are securely connected to the bottom board, the runners having matching curvatures with the lower paths of the slots, the runners having substantial end surfaces to engage said ends of the slots;

- springs attached at one end to the horizontal members and at the other end to the

bottom board to force the runners against one of the slots ends, and -cover plates fastened to the horizontal members having circular ring sector shaped slots concentric with the axis of rotation of the seat, the runners moveably engaged with respect to the cover plates slots, the ends of the slots having substantial surfaces to stop the rotation of the runners.

**10- (Canceled)** A chair having a reclinable seat comprising in combination two supporting side frames, each having at least one substantially horizontal member and substantially vertical leg members, said frames disposed in a spaced apart relationship by cross-rails,

a seat disposed within said frames further having an upholstered bottom board and an upholstered back board connected together, the bottom board having front and rear edges, further comprising:

-means for supporting said seat including (1) a plurality of concentric circular ring sector shaped slots located on said bottom board; and (2) a plurality of plastic runners attached to said horizontal members sliding in said slots, said slots having substantial end surfaces,

-the centers of said circular slots defining a virtual transverse axis of rotation of the seat;  
-a lining material covering the lower paths of the slots; the slot paths having detent means to moveable engage with corresponding detent means located on the runners;

-a plurality of runners moveably engaged into said slots and attached onto brackets that are securely connected to the bottom board, the runners having matching curvatures with the lower paths of the slots, the runners having substantial end surfaces to engage said ends of the slots;

-springs attached at one end to the horizontal members and at the other end to the bottom board to force the runners against one of the slots ends, and

-cover plates fastened to the horizontal members having circular ring sector shaped slots concentric with the axis of rotation of the seat, the runners moveably engaged with

respect to the cover plates slots, the ends of the slots having substantial surfaces to stop the rotation of the runners.

11- (Canceled) A chair as described in claims 1 and 2, whereby the circular ring sector slots are placed into inserts.

12- (Canceled) A chair as described in claims 1 and 2 whereby the runners are wheels.

13- (Canceled) A chair as described in claims 1 and 2 whereby the horizontal members have a channel shaped cross-section.

14- (Canceled) A chair as on claim 1 and 2 whereby the virtual transverse axis of rotation is horizontally located four to eight inches forward of the rear edge of said seat bottom board.

15- (New) A chair having a reclinable seat comprising in combination two supporting side frames, each side frame having at least one substantially horizontal member and substantially vertical leg members, said frames disposed in a spaced apart relationship by cross-rails, a seat disposed within said frames further having an upholstered bottom board and an upholstered back board connected together, the bottom board having front and rear edges, further comprising:

-means for supporting said seat including (1) a plurality of concentric circular ring sector shaped slots located on said horizontal members, and (2) a plurality of plastic runners connected to said seat bottom board and sliding in said slots; said slots having substantial end surfaces,

-the centers of said circular slots defining a virtual transverse axis of rotation of the seat;

-a lining material covering the lower paths of the slots; the slot paths having detent means to moveably engage with corresponding detent means located on the runners;

-a plurality of runners moveably engaged into said slots and attached onto brackets that

are securely connected to the bottom board, the runners having matching surfaces with the lower paths of the slots, the runners having substantial end surfaces to engage said ends of the slots;

-springs attached at one end to the horizontal members and at the other end to the bottom board to force the runners against one of the slots ends, and

-cover plates fastened to the horizontal members having circular ring sector shaped slots concentric with the axis of rotation of the seat, the runners moveably engaged with respect to the cover plates slots, the ends of the slots having substantial surfaces to stop the rotation of the runners.

16- (New) A chair having a reclinable seat comprising in combination two supporting side frames, each side frame having at least one substantially horizontal member and substantially vertical leg members, said frames disposed in a spaced apart relationship by cross-rails,

a seat disposed within said frames further having an upholstered bottom board and an upholstered back board connected together, the bottom board having front and rear edges, further comprising:

-means for supporting said seat including (1) a plurality of concentric circular ring sector

shaped slots located on said bottom board; and (2) a plurality of plastic runners attached to said horizontal members sliding in said slots, said slots having substantial end surfaces,

-the centers of said circular slots defining a virtual transverse axis of rotation of the seat;

-a lining material covering the lower paths of the slots; the slot paths having detent

means to moveable engage with corresponding detent means located on the runners;

-a plurality of runners moveably engaged into said slots and attached onto brackets that are securely connected to the horizontal members, the runners having matching surfaces with the lower paths of the slots, the runners having substantial end surfaces to engage said ends of the slots;

-springs attached at one end to the horizontal members and at the other end to the bottom board to force the runners against one of the slots ends, and

-cover plates fastened to the bottom board having circular ring sector shaped slots concentric with the axis of rotation of the seat, the runners moveably engaged with respect to the cover plates slots, the ends of the slots having substantial surfaces to stop the rotation of the runners.

**17- (New)** A chair as described in claims **15** and **16** whereby the circular ring sector slots are placed into inserts.

**18- New)** A chair as described in claims **15** and **16** whereby the runners are wheels.

**19- (New)** A chair as described in claims **15** and **16** whereby the horizontal members have a channel shaped cross-section.

**20- (New)** A chair as on claim **15** and **16** whereby the virtual transverse axis of rotation is horizontally located four to eight inches forward of the rear edge of said seat bottom board.